



Montana Department of Transportation  
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## **Memo of Understanding**

To: District Construction Engineers  
MCA Traffic Control Task Force Members

From: Paul Jagoda, PE  
Construction Engineering Services Engineer

Date: December 18, 2003

Subject: MDT/MCA Memo of Understanding on Traffic Control-Devices Special Provision

This is a joint memo of understanding between MCA and MDT on clarifying the payment for traffic control devices in accordance with the Traffic Control-Devices Special Provision (Revised 5-7-03), see attachment. This special provision was developed through a cooperative effort between the MCA Traffic Control Task Force and MDT.

Category #1 – Standard Installation is self-explanatory and no additional clarification is presented.

Category #2- Adjustments: The manual moving of a device conducted by dragging, carrying, etc, of the device required to move it to a new location of a traffic control application.

Some examples of Category #2 devices that are eligible for payment:

- The repositioning of a line of devices to shift traffic into a different position to accommodate the work activity.
- Switching a lane closure over from one lane to another. The tapers would always be paid for. The channelization devices would only be paid if they required to be repositioned as part of the lane change.
- Moving devices to provide a wider lane due to a new construction operation then what the devices were originally setup for.

Some examples of Category #2 devices that are not eligible for payment:

- Improperly installed devices.
- Devices extending more than 1500 feet beyond the work activity being covered.
- Devices that are moved by personnel on the project working in a capacity other than traffic control. Some examples of this would be equipment operators, state

- employees or flaggers being paid to flag at the time they move a device.
- Removal of devices.
- Adjustments or moving of devices for the convenience of the contractor.
  - Devices moved or adjusted to provide equipment access to the work area.
  - Moving devices to provide a wider lane for contractor equipment due to devices being improperly setup originally.
- Sliding or removing Type III barricades off the road. As with all devices, payment includes installation, maintenance and removal of the device.
- Devices setup but due to contractor's scheduling or operations changing no work was conducted in that work zone.

Following are the members of the Traffic Control Task Force that were the subcommittee members that created the Traffic Control-Devices Special Provision and are in agreement with this memo of understanding.

Approved\_\_\_\_\_

Jeff Hollenback-MCA Rep.

Approved\_\_\_\_\_

Mark Wissinger-MDT

Approved\_\_\_\_\_

Kevin Kitchin-MCA Rep.

Approved\_\_\_\_\_

Paul Jagoda-MDT

Approved\_\_\_\_\_

Keith Johnston-MCA Rep.

Approved\_\_\_\_\_

Mark Baum-MDT

PJ/pgj

CC:	Mark Wissinger, PE	Ted Burch	CES Bureau	Lisa Durbin, PE
	Jeff Hollenback	FHWA Op. Eng.	Joel Marshik, PE	DAs
	Dennis Sheehy	MCA TC Task Force	EPMs	Jim Walther, PE

1. TRAFFIC CONTROL – DEVICES (Revised 5-7-03)

The Traffic Control - Devices item will be bid competitively on this contract.

In the event that the actual quantities required for Traffic Control – Devices exceeds the plan quantity on the project by more than 15%, the price paid per unit for all quantities over the plan quantity will be the lesser of the unit price bid or \$0.80. A change order will be written if the actual quantities exceed the planned quantity and there is a change in the unit price.

Rescind 618.03.2 and replace with the following:

618.03.2 Traffic Control Plan. The Detailed Drawings and the Manual of Uniform Traffic Control Devices provide the basic traffic control signing requirements for the contract.

Furnish the Project Manager two (2) copies of the proposed traffic control plan at least 20 working days before contract work affects traffic on the PTW.

The traffic control plan may consist of; copies of the Detailed Drawings with notations indicating permanent or temporary sign mounting, sign location modifications as necessary, or contractor generated traffic control drawings. Indicate on the plan the location and purpose of flaggers and pilot car use. Obtain the Project managers approval of the plan before its use.

Rescind Section 618.05.1 and replace with the following:

618.05.1 Traffic Control Devices. Payment for the completed and accepted quantities is made under the following:

<u>Pay Item</u>	<u>Pay Unit</u>
Traffic Control Devices	Unit
Temporary Pavement Markings	Mile (kilometer)

Traffic control devices are paid for at the contract unit price per unit of traffic control devices. The units of each type of traffic control device paid for are calculated by multiplying the measured quantity of each device by the value per each unit shown in the Traffic Control Rate Schedule.

Payment for traffic control devices is made for each setup directed by the engineer.

The following devices are not eligible for payment:

- Devices placed beyond 1,500 feet (458 meters) of the work termination point for that day.
- Adjustments or moving of devices that were initially installed improperly.
- Adjustments or moving of devices for the convenience of the contractor.

Replacing properly installed traffic control devices destroyed by traffic is paid for at the contract unit price per unit of traffic control devices.

Payment for barricades and drums include the required ballast.

Payment for signs mounted on barricades is made only for original mounting.

Payment for flashing arrow boards is made only for the actual hours of operation approved by the Project Manager. Payment includes the cost of operating the trucks or trailers on which the arrow boards are mounted.

Paint stripe removal is paid for at the contract unit price per unit of traffic control devices.

Store devices in approved staging areas with a maximum of one staging area per three-mile segment of roadway. Detail the staging areas in the traffic control plan submitted for the Project Manager's approval. Do not begin work affecting traffic until the plan is approved. All devices not stored in the approved staging areas will be paid at category #2 payment amounts and all portable signs not stored in approved staging areas will be paid at a 50% unit price bid.

Payment for traffic control devices will be paid for under one of the following two categories:

Category #1- Standard Installation: Initial setup for the project or a new operation or the moving of a device and the setup of the device requires it be loaded in a truck (vehicle) or hitched to a truck (vehicle) for moving to a new location.

Category #2- Adjustments: The manual moving of a device conducted by dragging, carrying, etc, of the device required to move it to a new location of a traffic control application.

Payment for traffic control devices will be paid for at the following rates according to the Category and Device Type:

<u>Category #</u>	<u>Device</u>	<u>Payment Amount</u>
1	FGP	100%
	Barrels	100%
	Portable signs	100%
	Type III Barricades	100%
	Portable Vertical Panels	100%
	Other	100%
2	FGP	50%
	Barrels	50%
	Type III Barricades	25%
	Portable Vertical Panels	50%
	Other	50%

Payment at the contract unit price is full compensation for all resources necessary to complete the item of work under the Contract.